

# The Trail Inventory of Pea Island NWR

Manteo, NC



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## NOTE TO USERS OR READERS

In this report, the reader may find a mix of dates associated with the condition assessment and photographs. Chapter 4 shows an updated condition assessment for each trail documented in this report. However there may be dates on the condition assessment pages that range from 2006 and 2007 to 2012. This occurred because the GPS dates of the trails originally rated in Cycle 1 were not updated when the cycle 3 assessment was done to in

2012. That GPS date is the basis for the Rating date in the report. Any new trail or section of trail that was collected and rated in Cycle 3 will have a rating date of 2012. While the rating dates may show a pre 2012 date, each trail was walked and its condition was assessed in 2012 during the Cycle 3 field season.

In Chapter 6 the reader may notice photographs with dates ranging from 2006 and 2007 to 2012. This occurs because the existing photographs from Cycle 1 were used if no significant or noticeable changes were seen in that location at the time of the Cycle 3 site visit.

The reader may also notice some of the feature photographs are used more than once. The practice of the same photograph being used for more than one feature was allowed during this cycle's data collection.

# Pea Island NWR

## Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Others		Total
	Miles	%	Miles	%	Miles
Native	0.02	100%	0.00	0%	0.02
Gravel	0.45	100%	0.00	0%	0.45
Asphalt	0.08	100%	0.00	0%	0.08
Boardwalk	0.19	100%	0.00	0%	0.19
Admin Road	0.00	0%	1.74	100%	1.74
Total	0.74	30%	1.74	70%	2.48

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Others		Total
	Miles	%	Miles	%	Miles
TC3	0.14	7%	1.74	93%	1.88
TC5	0.60	100%	0.00	0%	0.60
Total	0.74	30%	1.74	70%	2.48

\*Admin Roads are included in the inventory but are not rated for condition.



## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Trailhead	1	No	0.00	PEIS_C3_0011
T300	Sign	1	No	0.00	PEIS_C3_0012
T300	Begin Section	1	No	0.02	PEIS_C3_0014
T300	Lookout/Ob Deck	1	No	0.14	
T300	Sign	1	No	0.14	PEIS_C3_0260
T301	Trailhead	1	No	0.00	PEIS_C3_0029
T500	Trailhead	1	No	0.00	PEIS_C3_0015
T500	Sign	1	No	0.00	PEIS_C3_0016
T500	Sign	1	No	0.01	PEIS_C3_0018
T500	Sign	3	No	0.01	PEIS_C3_0017
T500	Begin Section	1	No	0.05	PEIS_C3_0020
T500	Sign	1	No	0.05	PEIS_C3_0019
T500	Bench	1	No	0.09	
T500	Begin Section	1	No	0.13	PEIS_C3_0021
T500	Max Grade- %	9	No	0.13	
T500	Bench	1	No	0.14	
T500	Begin Section	1	No	0.15	PEIS_C3_0022
T500	Sign	1	No	0.15	PEIS_C3_0023
T500	Bench	1	No	0.16	
T500	Bench	1	No	0.26	
T500	Lookout/Ob Deck	1	No	0.30	
T500	Bench	1	No	0.34	
T500	Bench	1	No	0.40	
T500	Lookout/Ob Deck	1	No	0.41	
T500	Sign	1	No	0.45	PEIS_C3_0026
T500	Bench	1	No	0.47	
T500	Bench	1	No	0.53	
T500	Bench	1	No	0.59	

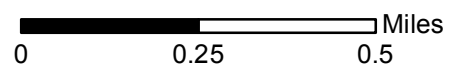
T500	Sign	1	No	0.60	PEIS_C3_002 8
T500	Lookout/Ob Deck		No	0.60	
T500	Lookout/Ob Deck	1	No	0.60	

sf - square feet

lf - linear feet

cf - cubic feet

# Pea Island NWR Trail Location Map



## Trails ID

**Station Name:** Pea Island NWR

**Org Code:** 42540

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Salt Flat Wildlife Trail	Boardwalk	10016589	0.12	From Salt Flats Parking (Rte 904) to Salt Flats Observation Deck
T300	Salt Flat Wildlife Trail	Native	10016589	0.02	From Salt Flats Parking (Rte 904) to Salt Flats Observation Deck
T301	North Pond Administraitve Trail	Admin Road	10016581	1.74	From Salt Flats Observation Deck to North Pond Observation Deck
T500	North Pond Trail	Asphalt	10016581	0.08	From Visitor Center and North Pond Parking (Rte 902) to North Pond Observation Deck
T500	North Pond Trail	Boardwalk	10016589	0.07	From Visitor Center and North Pond Parking (Rte 902) to North Pond Observation Deck
T500	North Pond Trail	Gravel	10016581	0.45	From Visitor Center and North Pond Parking (Rte 902) to North Pond Observation Deck

# CHANGES TO THE FISH AND WILDLIFE SERVICE TRAIL INVENTORY REPORT

## Pea Island NWR

### Trails added to previous inventory:

Trail #	Trail Name	Reason for Addition
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### Trails removed from previous inventory:

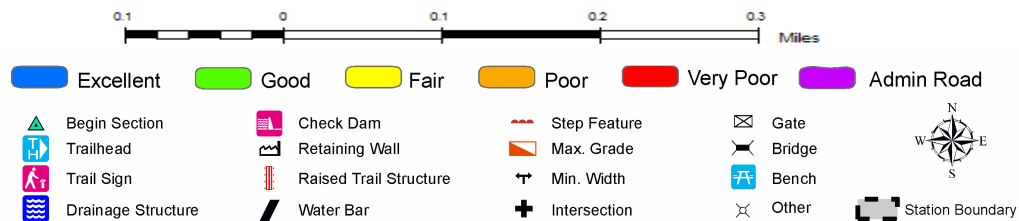
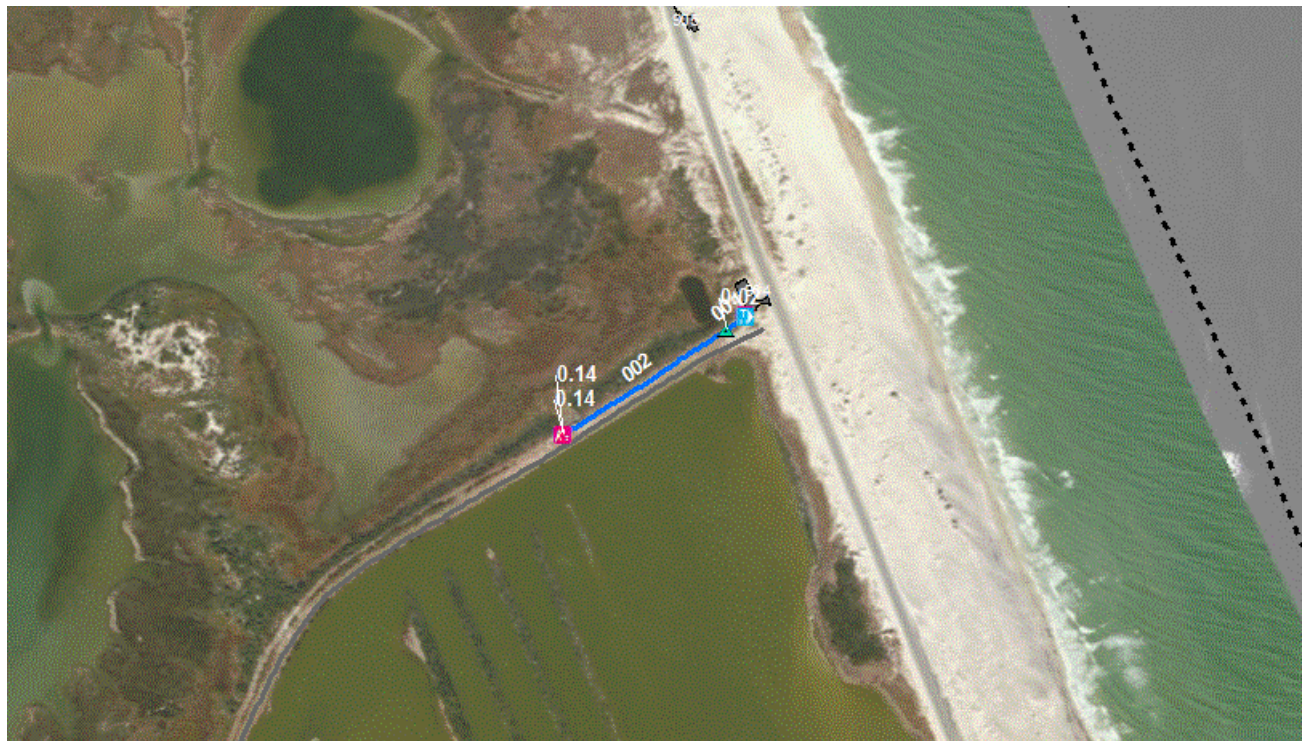
Trail #	Trail Name	Reason for Removal
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### Trails modified from previous inventory:

Trail #	Trail Name	Type of Modification	Description of Modification
T301	North Pond Administraitve Trail	Name change	from North Pond Administrative Trail

### Comments:

## TRAIL CONDITION



**Trail Name:** Salt Flat Wildlife Trail  
**Trail Number:** T300

**Refuge Name:** Pea Island NWR  
**Region:** 4

**Total Length:** 0.14 Miles

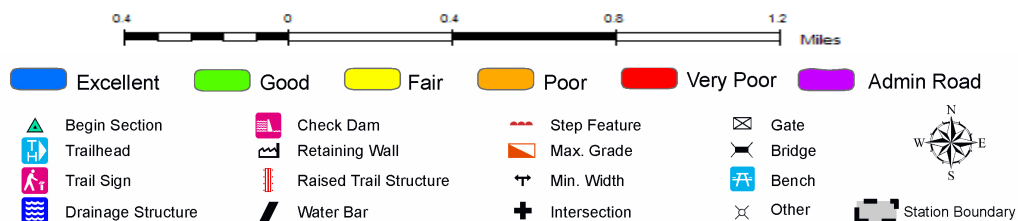
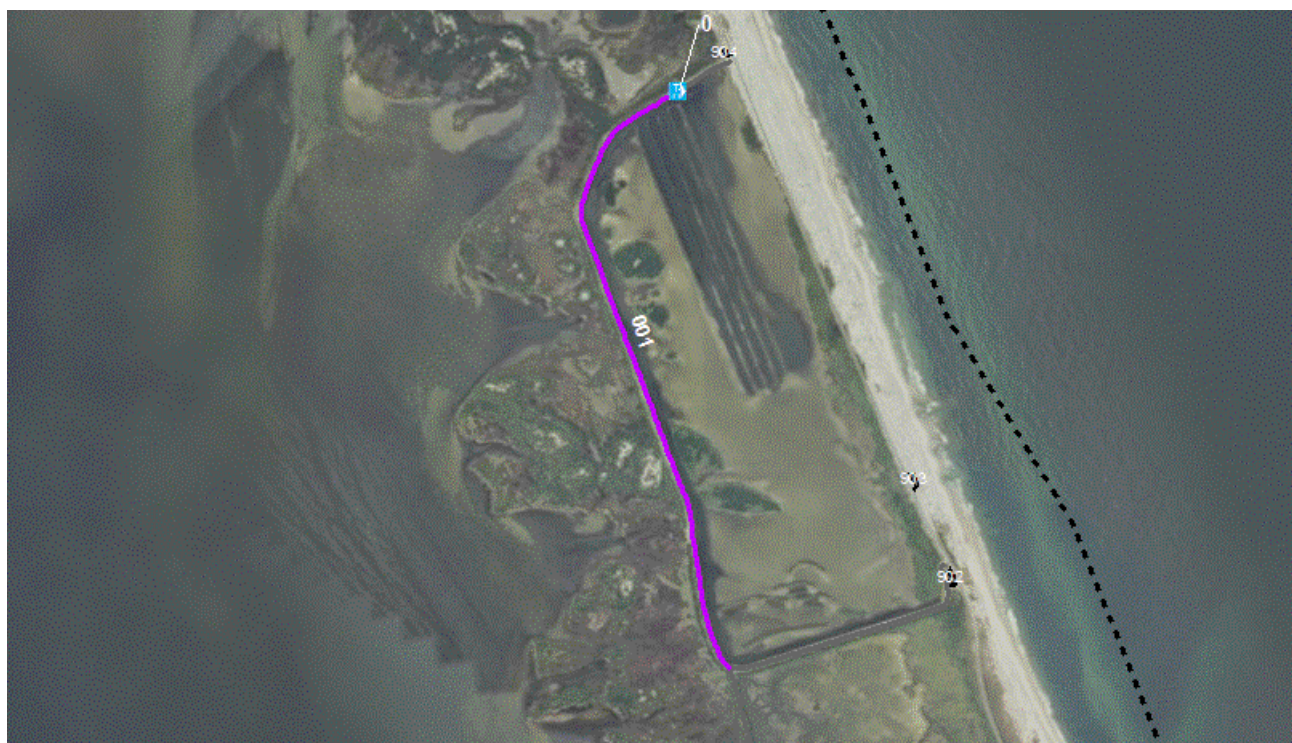
Section Number	001	002
Section Length (miles)	0.02	0.12
SAMMS Number	10016589	10016589
Rating Date	05/13/2006	05/13/2006
<b>Trail Section Information</b>		
Trail Class	TC3	TC3
Surface Type	Native	Boardwalk
Surface Firmness	Soft	Firm
Width (inches)	36	72
Average Grade (%)	1.3	1.3
Average X-slope (%)	2.00	2.00
<b>Trail Condition Information</b>		
Deferred Maintenance		
CRV	\$1,280	\$83,029
FCI	0.00	0.00
Condition	Excellent	Excellent

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$84,309	0.00	Excellent



## TRAIL CONDITION



**Trail Name:** North Pond Administrative Trail    **Refuge Name:** Pea Island NWR  
**Trail Number:** T301    **Region:** 4

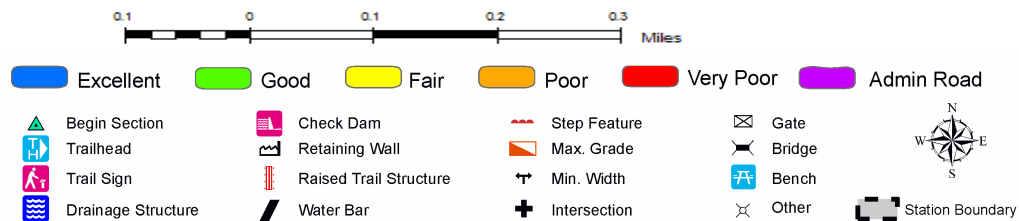
**Total Length:** 1.74 Miles

Section Number	001
Section Length (miles)	1.74
SAMMS Number	10016581
Rating Date	05/13/2006
<b>Trail Section Information</b>	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Firm
Width (inches)	168
Average Grade (%)	1.1
Average X-slope (%)	3.00
<b>Trail Condition Information</b>	
Deferred Maintenance	
CRV	
FCI	
Condition	

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition

## TRAIL CONDITION



**Trail Name:** North Pond Trail

**Refuge Name:** Pea Island NWR

**Trail Number:** T500

**Region:** 4

**Total Length:** 0.60 Miles

Section Number	001	002	003	004
Section Length (miles)	0.05	0.08	0.02	0.45
SAMMS Number	10016589	10016581	10016589	10016581
Rating Date	05/13/2006	05/13/2006	05/13/2006	05/13/2006
<b>Trail Section Information</b>				
Trail Class	TC5	TC5	TC5	TC5
Surface Type	Boardwalk	Asphalt	Boardwalk	Gravel
Surface Firmness	Hard	Paved	Hard	Firm
Width (inches)	70	72	72	72
Average Grade (%)	0.5	0.5	0.5	0.5
Average X-slope (%)	0.30	0.30	0.30	0.30
<b>Trail Condition Information</b>				
Deferred Maintenance				
CRV	\$33,631	\$14,319	\$13,845	\$62,818
FCI	0.00	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent	Excellent

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$124,613	0.00	Excellent



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## TRAIL DEFICIENCY

No Deficiencies

## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0011 - MP 0.00 - Trailhead

TRAIL NUMBER: T300  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0012 - MP 0.00 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0014 - MP 0.02 - Begin Section

TRAIL NUMBER: T300  
STATION: Pea Island NWR  
DATE: 07/11/2012



Photo # PEIS\_C3\_0260 - MP 0.14 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0029 - MP 0.00 - Trailhead

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0015 - MP 0.00 - Trailhead



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0016 - MP 0.00 - Sign

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0017 - MP 0.01 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0018 - MP 0.01 - Sign

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0019 - MP 0.05 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0020 - MP 0.05 - Begin Section

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0021 - MP 0.13 - Begin Section



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0022 - MP 0.15 - Begin Section

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0023 - MP 0.15 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0026 - MP 0.45 - Sign

TRAIL NUMBER: T500  
STATION: Pea Island NWR  
DATE: 05/13/2006



Photo # PEIS\_C3\_0028 - MP 0.60 - Sign

# PHOTOGRAPHIC SHEET

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## Glossary of Terms and Abbreviations

<b>Acc Info</b>	Accessibility information available at trailhead.
<b>Action</b>	Action required to correct deficiency.
<b>Admin Road</b>	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
<b>Alt SAMMS</b>	SAMMS number of Alternate Facility Type.
<b>Alt Type</b>	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
<b>AvgGrade</b>	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>AvgSlope</b>	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>Check Dam</b>	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
<b>Condition</b>	Subjective rating of trail based on Facility Condition Index (FCI): FCI $\leq$ .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$ .20 = Failed
<b>Crib Wall</b>	Retaining wall.
<b>Current Replacement Value (CRV)</b>	The value of an asset determined by the estimated cost of replacing it.
<b>Def type</b>	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
<b>Deferred Maintenance (DM)</b>	Maintenance that was not performed when scheduled.

<b>Elem ID</b>	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
<b>Facility Condition Index (FCI)</b>	DM/CRV
<b>Grouped Features</b>	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
<b>Info Type</b>	Type of accessibility information available at trailhead: brochure, sign or other.
<b>Item</b>	Item on which the “Action” (see above) will be performed.
<b>Manage_Use</b>	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
<b>MP</b>	Distance of a trail feature or deficiency from the Trailhead.
<b>Puncheon</b>	Log footbridge used in area of poor drainage.
<b>Raised Trail Structure</b>	Boardwalk, Turnpike, Puncheon.
<b>T Class</b>	Trail Class: I-V (see Appendix ? for trail class descriptions).
<b>Tr Desig</b>	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
<b>Turnpike</b>	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.